BEM
BOARD OF ENGINEERS MALAYSIA

BEM ROADSHOW 2026

SPEAKER'S PROFILES

Sabah & Sarawak

SABAH

27 - 28 NOVEMBER 2026

Le Méridien Kota Kinabalu, Sabah

SARAWAK

30 NOV - 1 DEC 2026

Pullman Kuching, Sarawak



Panelist Details

Name	Datuk Ir. Ts. Mohd Yaakob Hj. Jaafar
Title	Datuk Ir. Ts.
Biography	**Datuk Ir. Ts. Mohd Yaakob Hj. Jaafar** is a prominent Malaysian corporate leader and engineering professional who currently serves as the **Chief Executive Officer of Sabah Electricity**. A native of **Bongawan, Sabah**, Datuk Ir. Ts. Mohd Yaakob holds a **Bachelor's Degree in Electrical Engineering (Power) from Universiti Teknologi MARA (UiTM)** and is a **275kV Competent Electrical Engineer**. He has built an extensive **22-year career with Sabah Electricity**, beginning as an engineer in 2004 and progressing through various senior management positions before being appointed Chief Executive Officer in **March 2022**. Under his leadership, Sabah Electricity has continued to strengthen and modernise Sabah's electricity infrastructure, enhance grid reliability and resilience, support the transition towards renewable energy, and advance the integration of **Battery Energy Storage Systems (BESS)** into the state's power system. His leadership and contributions to the energy sector have received notable recognition, including the **Leadership Excellence in Sustainable Energy Infrastructure** award under the **Sabah Top Achievers Awards 2024**, recognition as one of **CEO Insights Asia's Top 10 Business Leaders of Substance 2026**, and his appointment as an **Honorary Fellow of the ASEAN Federation of Engineering Organisations (AFEO)**. Beyond his corporate responsibilities, Datuk Ir. Ts. Mohd Yaakob remains actively involved in the professional engineering community. He is the **Immediate Past Chairman of the Institution of Engineers, Malaysia (IEM) Sabah Branch**, and was appointed to the **CEO@Faculty Programme at Universiti Malaysia Sabah (UMS) in 2026**. As a **Professional Engineer (Ir.)** and **Professional Technologist (Ts.)**, Datuk Ir. Ts. Mohd Yaakob's career reflects a strong combination of technical expertise, leadership excellence and a steadfast commitment to the development and transformation of Sabah's energy sector.



Ir. Ts. Gs. Br. PMr. Dr. Cassidy Anak Morris

Director of Public Works, Sarawak

Projects Undertaken By JKR Sarawak

As the Director of Public Works Sarawak, I oversee an extensive portfolio of infrastructure projects aimed at enhancing the state's connectivity, public facilities, and overall quality of life. Under my leadership, the Public Works Department of Sarawak (JKR Sarawak) manages a robust pipeline of projects across multiple phases of implementation.

This includes a remarkable number of completed, ongoing, and pre-contract projects, totaling over **12,800 projects** with a combined project value exceeding **RM 67 billion**. The following table provides a summary of the current status of JKR Sarawak's project implementation, underscoring the scale and financial commitment involved in the department's mission to advance sustainable and impactful development across Sarawak.

Summary of JKR Sarawak Project Implementation Status

Program	Project Implementation Status (No. of Project)			Total No. of Project	Total Project Value (RM)
	Completed	Ongoing	Pre-Contract		
12 MP Sarawak	71	59	318	448	6,836,857,778.55
12 MP Federal	80	67	139	286	9,237,910,736.37
Delipidated School Projects	50	37	70	157	1,153,387,196.41
Rural Transformation Projects	9,661	423	1,564	11,648	2,484,811,768.77
Coastal and Second Trunk Roads	24	29	8	61	11,000,000,000.00
Pan Borneo Highway	7	4	0	11	16,600,000,000.00
Projek Rakyat	126	40	102	268	9,503,426,107.04
Sarawak-Sabah Link Road (SSLR)	0	2	0	2	8,170,000,000.00
Trans Borneo Highway (LTB)	0	0	3	3	2,484,597,271.60
Grand Total	**10,019**	**661**	**2,204**	**12,884**	**67,470,990,858.74**

Summary of Road Connectivity in Sarawak (Implemented by JKR Sarawak)

Type of Road	Total Length (km)
Paved Roads	20,590 km
Gravel Roads	4,365 km
Earth Roads	5,555 km
Total Connectivity (km)	**30,510 km**

Rural Road Connectivity Status in Sarawak (Implemented by JKR Sarawak)

Connectivity Status	No. of Rural Settlements	Percentage (%)
Connected	**4,949**	**77 %**
Not Yet Connected	1,343	23 %
Total No. of Rural Settlements	**6,292**	**To be connected by 2030**



Ir. Ts. Gs. Br. PMr. Dr. Cassidy Anak Morris

Director of Public Works, Sarawak

Date of Birth	Age	Race	Religion
19th September 1974	50	Iban	Christian

Contact

cassidym@sarawak.gov.my

+6019 – 817 8920

No.98, Lorong 2A3, Taman Riveria,
94300 Kota Samarahan

Education

- **Doctor of Business Administration**
  Universiti Teknologi Mara
  (Completed in 2023)
- **Master of Business Administration**
  Universiti Teknologi Mara
  (Completed in 2007)
- **Bachelor of Civil & Structural Engineering (Hons)**
  Universiti Kebangsaan Malaysia
  (Completed in 1998)

Professional Qualification

2024

- Certified Member (PMr.), ACPM
- Certified Fellow Builder, ACCPM
- Member, Malaysia Association of Engineer

2023

- Asean Chartered Professional Engineer
- Certified Builder (Br.), ACCPM
- Geospatial (Gs.), IGRSM
- Engineering Technologist, BEM
- Member, Malaysian Geotechnical Society
- Member, Institute of Materials Malaysia
- Member, Malaysian Society for Engineering & Technologist

2022

- Professional Engineer (Ir.), BEM
  Member, TAM

2021

- Professional Technologist (Ts.), MBOT

Profile

An engineer by profession, entered Sarawak Civil Service as a Civil Engineer in Jabatan Kerja Raya Sarawak in 1998 and served in various capacities throughout a distinguished civil service career until his recent appointment as Director Public Works Sarawak in May 2024. He is a member of the Board of Engineers Malaysia (BEM) as Professional Engineer (Ir.), Member of Malaysia Board of Technologists (MBOT) as Professional Technologist (Ts.), Institution of Geospatial and Remote Sensing Malaysia (IGRSM) as Professional Geospatial (Gs.), as Certified Builder (Br.) for Association of Certified Construction and Project Development Managers, Malaysia (ACCPM) and member of the Board of several Sarawak State agencies and statutory bodies.

Work Experience

May 2024 – Present
Director of Public Works
Jabatan Kerja Raya Sarawak

2022 – 2024
Deputy Director (Infrastructure)
Jabatan Kerja Raya Sarawak

2022 – 2022
Head of Asset
Jabatan Kerja Raya Sarawak

2020 – 2022
Head of Project
Jabatan Kerja Raya Sarawak

2017 – 2020
Regional Manager
Central Regional Office, Jabatan Kerja Raya Sarawak

2011 – 2017
Divisional Engineer
Jabatan Kerja Raya Sri Aman

2008 – 2011
District Engineer Saratok
Jabatan Kerja Raya Betong

1998 – 2008
Civil Engineer, Investigation & Design Section
Jabatan Kerja Raya Samarahan



Ir. Ts. Gs. Br. PMr. Dr. Cassidy Anak Morris

Director of Public Works, Sarawak

Research Activities Conducted By JKR Sarawak

The Public Works Department of Sarawak (JKR Sarawak) is committed to advancing infrastructure development through rigorous research and innovation. Focused on addressing the unique geographical, environmental, and societal needs of Sarawak, JKR Sarawak conducts a range of research activities that support sustainable construction, enhance safety standards, and improve cost efficiency across all projects.

These research initiatives encompass areas such as advanced materials, structural health monitoring, sustainable building practices, and innovative construction technologies. Guided by a mission to drive impactful engineering solutions, JKR Sarawak's research not only informs state policies but also contributes to national development goals, such as those outlined in the Sarawak Post-COVID-19 Development Strategy (PCDS) 2030.

Summary of Research Activities Conducted by JKR Sarawak

Item	Research Description	Institution	Cost (RM)
1	Geotechnical Characterization of Sarawak Soft Marine Clay.	UNIMAS	20,000.00
2	Feasibility Study On The Potential Use of River Gravel.	UNIMAS	274,240.00
3	Feasibility Study On The Potential Use Of Limestone And Non-Standard Materials For Road Construction In Sarawak.	UNIMAS	378,270.00
4	Utilizing SMA (Stone Mastic Asphalt) as Rut Resistance Wearing Course.	UNIMAS	20,000.00
5	Evaluation of Road Accident Causes In Relation to Pavement.	Swinburne University	20,000.00
6	Rationalization of the Conformity and Identity Testing under Section D: Concrete Works in JKR's "Standard Specifications for Building Works 2020".	Swinburne University	20,000.00
7	Formulation of Design Guideline For Rural Concrete Road .	Swinburne University	20,000.00
8	Local Constraint and Implementation of IBS.	Curtin University	20,000.00
9	Reviewing the Application of Cold Mix Asphalt for Road Construction.	Curtin University	20,000.00
10	Determination of Bearing Capacity of Soil Using Mackintosh Probe in Sarawak.	Curtin University	20,000.00
11	An Investigation of Alkali-Carbonate Reactivity Of Carbonate Rock From Miri Region.	Curtin University	20,000.00
12	Utilization Of Aluminium Dross As A Potential Asphalt Filler.	UiTM	20,000.00
13	Development Of Fly Ash-based Geopolymer Asphalt Binder For Flexible Pavement.	UiTM	20,000.00
14	Rutting Resistance of Fly Ash-based Geopolymer Asphalt Binder For Flexible Pavement - Phase 2.	UiTM	20,000.00
15	Assessment of The Suitability Of Limestone Aggregate In Sarawak As Coarse Aggregate In Concrete.	UM	20,000.00
16	Assessment Of The Suitability Of Limestone Aggregate In Sarawak As Paving Material.	UM	20,000.00
17	Sandstone as Aggregate for Concrete.	UNIMAS	20,000.00
18	Desktop Study For Instrumentation Of Road Embankment On Peat.	UNIMAS	20,000.00
19	A Review on Sandstone Aggregate Utilization and Performance Materials in Sabah.	UiTM	20,000.00
20	Review and Proposed Guideline for the use Of Silica Manganese from Ferroalloy Production In Construction.	Swinburne University	20,000.00
21	Machine Learning Based Soil Visualization to Improve Risk assessment in Construction.	Swinburne University	20,000.00
22	Properties Of Hot Mix Asphalt Utilizing Recycled Plastics As Binder Modifier In Sarawak.	UM	87,600.00
23	Research On Evaluation Of The Limestone Aggregate Application For Hot Mix Asphalt Pavement In Sarawak.	UM	51,000.00
Total Cost (RM)			**1,171,110.00**

IR. HJ ANUAR MOHD ARIS



1. **PROPOSED POSITION** : Managing Director / Director (Highway Department)

2. **NAME** : **IR. ANUAR MOHD ARIS**

3. **DATE OF BIRTH** : 3rd June 1962

4. **NATIONALITY** : Malaysian

5. **EDUCATION** :
   B. Sc. (Hons) Civil Engineering
   – University of Leeds, U.K. – 1984
   M.Sc. (Highway and Traffic Engineering)
   M.Phil (Civil Engineering)
   - University of Birmingham 1990

6. **MEMBERSHIP AND ROLE IN PROFESSIONAL BODIES AND SOCIETIES**:
   - Professional Engineer with Practicing Certificate (PEPC), Board of Engineers (BEM), Malaysia
   - Asean Chartered Professional Engineer (ACPE)
   - Member of Assoc. of Consulting Engineers of Malaysia (MACEM)
   - Member Institution of Engineers, Malaysia (MIEM)
   - Committee Member of BEM :-
   - Professional Practice Committee (PPC), National Monitoring Committee (NMC), Editorial Committee and Road Safety Audit Technical Committee (RTC).
   - President of Association of Consulting Engineers (ACEM)
   - Chairman of Federation of ASEAN Consulting Engineer (FACE)

7. **EXPERIENCE IN OTHER COUNTRIES** : India, Cambodia, Mauritius and Brunei

8. **PROFESSIONAL CAREER** :
   Universiti Putra Malaysia (UPM)
   Assiatant Lecturer
   Sept 1984 to January 1990

   Zaidun-Leeng Sdn Bhd (ZLSB)
   February 1990 to date

9. **PROFESSIONAL EXPERIENCE** Ir Hj Anuar Mohd Aris started his professional carrier serving as Assistant Lecturer at UPM teaching Civil Engineering subjects.

   Ir Hj Anuar Mohd Aris is at present the Managing Director of Zaidun-Leeng Sdn Bhd, and is responsible for the Road/Highway Alignment, Drainage, Pavement, Geotechnical Design and utility relocation related design works undertaken by the company. He has 36 years experiences in designing and construction of some of the prestigious Projects in Malaysia.

   He participated in the design of major highways and interchanges including the 6km Dual 3-lane North-South Link (Package 1C) Expressway, 13km Dual 2-lane the Ipoh to Simpang Pulai, the 33km Slim River to Tanjung Malim of the North South Expressway, 35km Dual 2 - lane Butterworh – Kulim East-West Highway (Package II and III), Sri Petaling Clover leave Interchange of the Shah Alam Expressway and 5km Elevated Dual 3-lane Kuala Lumpur Transit Route.

IR. HJ ANUAR MOHD ARIS

He was also responsible for the planning and coordination of the detail engineering design and supervision of the 16km Dual 3-lane Lebuhraya Damansara-Puchong (Package II) (including 5 interchanges).

He has also undertaken the role as Project Director leading the full team of design and supervision engineers for many completed major Road and Highway Projects that namely the 21km Dual 3 lane SPRINT Expressway (including 11 interchanges), 5km Dual 2-lane (including 2 interchanges) of B15 Road in Sepang and 15 km Dual 3 lane Johor Bahru-Nusajaya Coastal Highway (including 3 major interchanges and major bridge crossing at Sg Skudai), 20km Dual 3 lane Damansara - Ulu Klang Expressway (DUKE) Phase 1 and 2 (including 5 interchanges) and 3.5 km Dual 3 lane Johor Coastal Highway Link, the 145km 2 lane single carriageway Road from Sapulut-Kalabakan Sabah, the Northern Package of the 21km 2 lane single carriageway Kg Kahang – Kg Peta Project in Kluang, Johor for ECERDC and the surface works for Project Mass Rapid Transit (MRT) Line 1 for package UG2 and V5.

Most recent completed projects are:-

- 5km Dual 3-lane Elevated Setiawangsa-Pantai Expressway (DUKE Phase 3) ; Section 1 – Kerinchi To Salak,
- Project Mass Rapid Transit (MRT) Line 2: Sungai Buloh – Serdang – Putrajaya (SSP) - DDC3 – Civil Surface works For Underground Package(s) From Jalan Ipoh North Escape Shaft To Desa Water Park South Portal
- MRT Line 2 DDC7 – Civil Surface works Detailed Design Consultancy Services, Construction Supervision & Construction Technical Support Services for Conlay and Chan Sow Lin Underground Stations.
- 140km Dual 2-lane West Coast Expressway - Perak Alignment From Changkat Jering to Sabak Bernam (including 11 interchanges)
- 5km Elavated Dual 3-lane Damansara – Shah Alam (DASH) Expressway – Section B: Kota Damansara To Penchala (including 3 interchanges).

He is also an accredited Road Safety Auditor and has carried Road Safety Audit for several road projects including the Guthrie Corridor Expressway, the Jalan Tambun / Jalan Sultan Azlan Shah Interchange in Ipoh, The Batu Gajah Bypass in Perak and several other projects.

He has experience in Independent Consultant Engineering Services for the Guthrie Corridor Expressway, the KL International Airport Spurline Guideway Viaduct and for Highway Projects in India which involves review of design submitted by Design & Build Contractor, & also intermittent site visits & meetings to review site issues in India.

Dato' Paduka Ir. (Dr.) Hj. Keizrul bin Abdullah



Dato' Paduka Ir. (Dr.) Hj. Keizrul bin Abdullah is the Chairperson of the Disciplinary Committee of the Board of Engineers Malaysia (BEM) and a member of the BEM Engineers Act Committee. He is a registered Professional Engineer with Practising Certificate (PEPC) and has been very active in professional practice issues. He was the Chairperson or member of the Professional Practice Committees of both BEM and IEM for over four decades.

As a member of the Engineers Act Committee and the Working Group on Amendments to the Act, Ir. Keizrul is actively involved in the current amendments to the Registration of Engineers Act 1967 and the Registration of Engineers Regulations 1990. He is a frequent speaker on the Act and on professional ethics and code of conduct for the Board's Webinars and Roadshows.

In recognition of his contribution to the engineering profession, Ir. Keizrul was conferred the "*Tokoh Kejuruteraan Negara* 2024" on October 2024 and in December of the same year, the "*Tokoh Profesion Teknikal Negara 2024 (Kejuruteraan)*".

KA/Aug 2025



SHERLIZA
ZAINI SOORIA
SENIOR DIRECTOR
JABATAN KERJA RAYA MALAYSIA

PROFILE

Professional Engineer specializing in Structural and Earthquake Engineering with extensive expertise in structural design, facility management, training, engineering research, and innovation. Adept at fostering collaborative and strategic relationships with stakeholders and driving continuous process improvements.

CONTACT

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Pusat Kecemerlangan Kejuruteraan dan Teknologi
Jabatan Kerja Raya Malaysia

EMAIL:
sherliza@jkr.gov.my

EDUCATION

Kyoto University, JAPAN
September 2008 – March 2012
Doctor of Philosophy (Engineering): Earthquake Engineering

The University of Sheffield, UNITED KINGDOM
September 2003 – September 2004
Master of Science (Structure)

Technical University of Nova Scotia, CANADA
September 1990 – May 1993
Bachelor in Engineering (Civil)

WORK EXPERIENCE

Jabatan Kerja Raya Malaysia
Senior Director
October 28, 2024–Present
Responsible for Training, Research & Development, and Innovation

Jabatan Kerja Raya Malaysia
Director
October 7, 2020–October 27, 2024
Responsible for driving innovation, and engineering research & development

Jabatan Kerja Raya Malaysia
Senior Superintendant Civil Engineer
May 2017–October 6, 2020
Head of Unit - Manage Research & Development, Accredited Laboratory

Jabatan Kerja Raya Malaysia
District Engineer
May 26, 2015–October 31, 2016
Responsible for maintenance of infrastructure and roads, project management

Jabatan Kerja Raya Malaysia
Civil Engineer
January 2, 1996–May 25, 2015
Building designer, bridge designer

SIGNIFICANT CONTRIBUTION

Head of Audit Team (Civil and Structural Design) for Mass Rapid Transit Project, Line 1
2014–2015

Member in Working Group for Sub-sector of Safety for Rapid Transit System (RTS)
Technical Advisory (Expertise in Earthquake Engineering)
2016-2018

Member in Working Group for Structural Fire Design
Development of the National Annex for Structural Fire Design
2020-2022

Head of Working Group 5, National Slope Master Plan (Research)
2024 to Present



Ir. SHARIFAH AZLINA BT RAJA KAMAL PASMAH
B.Sc (Civil Engr), MBA, FIEM, PEPC, IntPE(MY), APEC Eng.

Brief Profile

Ir. Sharifah Azlina Raja Kamal is the Executive Director of HSS Engineers Bhd. (HEB), CEO of HSS Integrated Sdn. Bhd. and BIM Global Ventures Sdn. Bhd.

HEB is Malaysia's largest homegrown engineering consultancy, with a group workforce of 1000 employees, operating from offices in Kuala Lumpur, Kuching, Baghdad, Chennai, Cambodia, Davao and UAE through their associate CHSS.

Ir. Sharifah Azlina is instrumental in the successful listing of HEB on the KLSE in 2016 where she serves as the Board of Director until now. With over 35 years of experience within the consultancy industry, she has led numerous iconic projects locally and internationally.

She is an Adjunct Lecturer for Construction Project Management at Universiti Teknologi PETRONAS and sits on the Industry Advisory Panel for Civil Engineering disciplines at Monash University, UTP, TAR UMT & UUM.

She is a panelist of DBKL hearing committee for KL Structure Plan 2040.

For her contribution to Women in Science, Engineering & Technology, she was conferred AFEO Honorary member in 2020.

Ir. YAU CHAU FONG

ELECTRICAL ENGINEER

yauchaufong@duriane.com



CURRENT DESIGNATION

- **Managing Director**, Duriane Professionals Sdn. Bhd.
- **President**, The Institution of Engineers, Malaysia (IEM) (Session 2026 – 2027 / 2027 – 2028)
- **BEM Board Member**, Board of Engineers Malaysia (BEM)

ACADEMIC QUALIFICATIONS

- Bachelor of Engineering (Honours) in Electrical Engineering, Universiti Malaya (UM)

PROFESSIONAL QUALIFICATIONS

1. Professional Engineer with Practising Certificate, Board of Engineers Malaysia (BEM)
2. Fellow, The Institution of Engineers, Malaysia (IEM)
3. Member, Association of Consulting Engineers, Malaysia (ACEM)
4. Green Building Index Facilitator (GBI Facilitator)
5. ASEAN Engineer (AE)
6. Uptime Institute Accredited Tier Designer (ATD)
7. Certified Data Centre Risk Professional (CDRP)
8. Certified TIA 942 Design Consultant (TIA 942)
9. Fellow, ASEAN Academy of Engineering & Technology (FAAET)
10. Asia Pacific Economic Co-operation Engineer (APEC Engineer)
11. ASEAN Chartered Professional Engineer (ACPE)

EMPLOYMENT HISTORY

2013 – Current	**Managing Director** Duriane Professionals Sdn. Bhd.
2011 – 2013	**Chief Consulting Officer (2012 – 2013) / Associate Consultant (2011)** Powerware System Sdn. Bhd.
2010	**Director** AD Consult Sdn. Bhd.
2002 – 2010	**Associate (2009 – 2010) / Electrical Engineer (2002 – 2008)** SSP (E&M) Sdn. Bhd.
2001 – 2002	**QC Engineer** OYL Manufacturing Co. Sdn. Bhd.

AREAS OF EXPERTISE

- Design and build consultant and principal engineer for design and implementation works.
- Project management, client liaison, feedback and coordination.
- Large scale electrical system design for various types of buildings, infrastructure works & aviation industries, renewable energy plants, industrial plants and data centres.

PROFESSIONAL RECOGNITION & AWARDS

- **Honorary Fellow**, ASEAN Federation of Engineering Organisations (AFEO).
- 2019 Industry Excellence Award, Institution of Engineering and Technology.



Ir. Chen Thiam Leong

Ir. Chen is a practising Consulting Engineer with over 45-year experience.
He serves in various BEM Committees including the PCE Examination Committee.
Ir. Chen is a Past President of ACEM, IFEM and MASHRAE; Advisor to BASAM and Honorary Life Advisor of MACRA.



Ir. Dr. Megat Zuhairy Bin Megat Tajuddin

Chief Executive, National Cyber Security Agency (NACSA)

ABOUT

Ir. Dr. Megat Zuhairy Megat Tajuddin is currently the Chief Executive of National Cyber Security Agency (NACSA). He is a Registered Professional Engineer with Practising Certificate with the Board of Engineers Malaysia (BEM) and is also the Registrar of BEM. Previously he served as the Director of Engineering, Information and Communication Technology (ICT) Division at the Public Works Department (PWD). He has been involved in the field of Electrical and Computer Engineering, particularly in Information and Communications Technology (ICT) infrastructure and system projects, for the past 25 years. He graduated in Electrical and Computer Engineering from the John Hopkins University, USA before completed MSc. In Communications Technology at Ulm University, Germany and obtained his PhD in Technology and Innovation Management at MARA University of Technology (UiTM).

Profile:



NAME : **Ir. SUNDRARAJ A/L A. KRISHNASAMY**

Ir. K. Sundraraj is a registered Professional Engineer with Practising Certificate with the Board of Engineers, Malaysia. He is also a registered ASEAN Chartered Professional Engineer (ACPE) and ASEAN Engineer. Ir. K. Sundraraj is a Consulting Engineer and a Director of Zaidun-Leeng Sdn. Bhd., a multi discipline engineering consultancy firm based in Kuala Lumpur. He has been involved in the design and construction of Bridges and Flyovers since 1989 and is responsible for the Bridge and Civil Structures design works undertaken by the company. He graduated from Queen Mary College, University of London in 1986 and has gained more than 30 years of experience in design and construction of bridges and civil structures for major Highways in Malaysia. His site experience includes supervision of construction of major bridges of different types for the SPRINT Highway, buildings, culverts and retaining walls.

Ir. K. Sundraraj is presently a Board Member in the Board of Engineers, Malaysia (BEM) and the Board of Architects, Malaysia (LAM). He is the Past President of the Association of Consulting Engineers Malaysia (ACEM) and Fellow Member of the Institution of Engineers, Malaysia (IEM). He has been actively participating in many technical committees in BEM, LAM, ACEM, IEM, CIDB and SIRIM for the past 15 years. He has been serving in various BEM Standing Committees, i.e. Professional Practice, Engineers Act, Application and E&Q Committees to regulate the engineering profession in Malaysia. He has given talks at BEM Roadshows on topics related to BEM Registration, Registration of Engineers Act & Regulations and Site Safety Awareness; and ACEM webinars related to Construction Site Supervision and Temporary Works during Construction.



Datuk Ir. (Dr.) Abdul Rahim Hj. Hashim, FASc

Date of Birth	5 October 1953
Place of Birth	Johor Bahru, Johor, Malaysia
Registration	Board of Engineers, Malaysia (BEM) (Registration No: 1598A) (Professional Registration No: 13164) ASEAN Chartered Professional Engineer (APCE) (Registration No: APCE 00006/My) Fellow of the Academy of Sciences Malaysia (FASc) William Pitt Fellow, Pembroke College, University of Cambridge
Directorship (Past)	**Subsidiary of PETRONAS (Listed Companies)** • PETRONAS Chemical Group Berhad - Chairman • PETRONAS Gas Berhad • PETRONAS Dagangan Berhad **Subsidiary of PETRONAS (Non-Listed Incorporated in Malaysia)** • PETRONAS Carigali Sdn Bhd • PETRONAS Carigali Overseas Sdn Bhd • PETRONAS NGV Sdn Bhd – Chairman • Malaysia LNG Sdn Bhd • Malaysia LNG Dua Sdn Bhd • Malaysia LNG Tiga Sdn Bhd • OGP Technical Services Sdn Bhd - Chairman • Gas District Cooling (M) Sdn Bhd - Chairman • Gas District Cooling (Putrajaya) Sdn Bhd - Chairman • Gas District Cooling (UTP) Sdn Bhd - Chairman • Gas District Cooling (KLIA) Sdn Bhd - Chairman • Gas District Cooling (Holdings) Sdn Bhd - Chairman • PETRONAS eLearning Solutions Sdn Bhd • PETRONAS Penapisan (Melaka) Sdn Bhd • PETRONAS Lubricants International Sdn Bhd

Directorship (Past)

PETRONAS RELATED COMPANY

- Board Members of Institute of Technology PETRONAS Sdn Bhd (1 September 2010 – 1 November 2017)
- Chairman of Malaysian Philharmonic Orchestra (September 2013 – 14 March 2018)
- Chairman of Dewan Filharmonik PETRONAS Sdn Bhd (September 2013 – 14 March 2018)
- Board of Trustee for Petroleum Research Fund (30 October 2012 – 21 June 2018)

PETRONAS ASSOCIATE COMPANY

- LanzaTech NZ Ltd. (March 2013 – 26 June 2018)

INSTITUTE OF MATERIALS, MALAYSIA

- Advisor (2014 - 2018)

BOARD OF ADVISOR FOR HIGHER EDUCATION LEADERSHIP ACADEMY (AKEPT)

- 9 November 2015 – 8 November 2018

MALAYSIA CONVENTION & EXHIBITION BUREAU (MyCEB)

- Board Member (15 October 2018 – 15 November 2019)

MALAYSIAN INDUSTRY-GOVERNMENT GROUP FOR HIGH TECHNOLOGY (MiGHT)

- Board Member (April 2006 – January 2009)
- Joint-Chairman (Government) (1 July 2019 – 30 June 2021)

DELEUM BERHAD

- Board Member (November 2013 – December 2022) (Designated as Senior Independent Director)
- Chairman of Joint Remuneration and Nomination Committee (November 2013 – December 2022)

ICE PETROLEUM ENGINEERING SDN. BHD.

- Board Member (1 November 2017 – 31 December 2021)

ICE WOOD SDN BHD

- Board Member (1 April 2022 – 31 December 2021)

Directorship/ Committees (Present)

BOARD OF ENGINEERS Malaysia

- Member of BEM Management Committee (September 2012 – Present)
- Member of National Monitoring Committee (December 2014 – Present)

MALAYSIAN INDUSTRY-GOVERNMENT GROUP FOR HIGH TECHNOLOGY (MiGHT)

- Independent Director (1 July 2021 – Present)

Other Roles

INTERNATIONAL GAS UNION (IGU)

- Vice President for Triennium (2006 – 2009)
- President for Triennium (September 2009 – June 2012)
- Immediate Past President (June 2012 – June 2015)
- Honorary President (June 2015 – Present)

Other Roles

MALAYSIA GAS ASSOCIATION (MGA)

- President (2003 – 2013)
- Immediate Past President (2013 – 2016)

ACADEMY OF SCIENCES MALAYSIA (ASM)

- Council Member (2017 – 2019)

ASIA PACIFIC NATIONAL GAS VEHICLE ASSOCIATION (ANGVA)

- President (2003 – 2007)
- Immediate Past President (2007 – 2009)

NATIONAL SCIENCE AND RESEARCH COUNCIL (NSRC)

- Member (15 March 2011 – 2017)

MALAYSIA CONVENTION & EXHIBITION BUREAU (MyCEB)

- Kesatria (January 2012 – December 2023)
  (Kesatria is to assist MyCEB in positioning Malaysia as the world's premiere business events destination)

ANUGERAH AKADEMIK NEGARA (AAN)

- 10th Main Committee Member (25 February 2016 – 2017)

Decoration	Pingat Jasa Kebaktian (PJK) (March 1990, Terengganu) Panglima Jasa Negara (PJN) (June 2004, Government of Malaysia) – Carries the title "Datuk" Honorary Doctorate (Honoris Causa) in Engineering, University of Birmingham, (10 July 2006)
Academic Qualification	B.Sc. (Electronics & Electrical) Engineering University of Birmingham 1976 Harvard Advance Management Program (AMP) (Spring 1997)
Last Designation	**Vice Chancellor, University of Malaya** (1 November 2017 – 30 October 2020)
Experience	**Vice Chancellor & MD/CEO of Universiti Teknologi PETRONAS** (November 2013 – October 2017) **President of International Gas Union (IGU)** (September 2009 – June 2012) **Vice President** **Research & Technology Division, PETRONAS** April 2006 – December 2008 **Vice President** **Gas Business, PETRONAS** October 2002 – March 2006 **Vice President** **Human Resource Management Division, PETRONAS** October 1998 – September 2002 **Managing Director/Chief Executive Officer** **PETRONAS Penapisan (Melaka) Sdn Bhd** February 1991 – September 1998 **Managing Director/Chief Executive Officer of Malaysian Refining Company Sdn Bhd (MRC)** January 1995 – September, 1998

Deputy General Manager, Melaka Refinery
PETRONAS Penapisan (Melaka) Sdn Bhd
December 1988 – January 1991

Refinery Manager, Kerteh Refinery
PETRONAS Penapisan (Terengganu) Sdn Bhd
December 1987 – November 1988

Technical Manager, Kerteh Refinery
PETRONAS Penapisan (Terengganu) Sdn Bhd
September 1982 – November 1987

Department Coordinator
Project Planning and Monitoring,
Processing & Manufacturing Division
April 1981 – September 1982

Training Assignment
December 1980 – January 1981

Project Engineer
Project Planning and Monitoring Department,
Processing & Manufacturing Division
January 1980 – November 1980

Resident Coordinator
PETRONAS LNG Monitoring Team,
Processing & Manufacturing Division
June 1979 – December 1979

Planning Engineer
Manpower Planning & Training Section,
Processing & Manufacturing Division
Project Planning Department
August 1978 – May 1979

Training Assignment (Mobil Oil Refining, Jurong, Singapore)
April 1977 – July 1978

Electrical Engineer
Planning and Monitoring Division,
Processing & Manufacturing Division
September 1976 – March 1977

DECEMBER 2024

Ir. Bashir Ahamed Maideen

MIEM, PEng



CURRENT DESIGNATION

Managing Director & CEO,
Nadi Era Consult Sdn. Bhd.

ACADEMIC QUALIFICATION

- Bachelor of Engineering (Honours) in Civil Engineering, Universiti Teknologi Malaysia (UTM), 1989.

PROFESSIONAL AFFILIATIONS

- Member, The Institution of Engineers, Malaysia (MIEM).
- Professional Engineer (PEng).

PROFESSIONAL EXPERIENCE

- More than 23 years of experience in the construction industry.

NOTABLE ACHIEVEMENT

- Involved in the construction of Bank Simpanan Nasional Headquarters, Jalan Ampang.

COMMITTEE INVOLVEMENT

- Active member of the Focus Group Dealing with Construction Permits.

Ir. Razak Yakob

23A-03 Fraser Tower B, Jalan 5/60, 46000 Petaling Jaya, Selangor |razakyakob@gmail.com | +6013-396 0779
LinkedIn Profile: www.linkedin.com/pub/ir-razak-yakob/b/48a/607

PROFESSIONAL EXPERIENCE

2024 – Current	**Ravenshead Engineering** **Chairman** Provide strategic leadership and oversee the company's engineering consultancy activities, with a focus on subsea engineering, technical advisory and business development.
2023 – Current	**FAAZMIAR Technology** **Head of Enhanced Technical Resource Center** Lead strategic growth by advancing wells engineering solutions, leveraging machine learning and real-time automation on collaborative platforms to deliver innovation and value.
2005 – Current	**Ark-za Engineering** **Director & Drilling Engineering Consultant** Deliver specialised training and expert technical advisory in drilling engineering.
2020 - 2021	**Uzma Engineering** **Project Manager**, WAISE F23/F6 Wells Decommissioning Project Challenging project with multiple complexities of resources and work process management with constrained operations due to pandemic
2019 - 2020	**Vantage Energy Group** **Project Manager**, WAISE Kepong-A Wells Decommissioning Project Plan and manage the project to plug and abandon wells with a unique setup
2016 – 2019	**UCSI University** **Part time lecturer** (Petroleum Engineering). Field Development Program
2014 - 2015	**Uzma Engineering Sdn Bhd** **Senior Drilling Engineer** at Twinza Oil Limited, Singapore Completed the conceptual / detailed design stage for the first offshore oil development in Papua New Guinea
2013 - 2014	**EnQuest Petroleum** **Senior Drilling Engineer** Designed and implemented Tanjong Baram Dev, Small field development, a Risk Service Contract project for PETRONAS. Installation of platform structures using a jack up rig, smart completion, fast track project with very limited budget and resources
2006 - 2013	**Petronas Carigali Sdn Bhd** **Senior Drilling Engineer** for Peninsular Gas Development Fields with high CO2, major project with 3 development platforms, multiple fields. **Project Drilling Manager** for Oil and Gas fields development Responsible to manage operations of Tangga Barat Cluster and Sepat-Early Production System (EPS). **Well Delivery Manager** for Enhanced Oil Recovery Center Unincorporated joint venture between PCSB and Shell Malaysia to develop the enhanced oil recovery programs for Baram Delta Operations and North Sabah fields.
2005 - 2006	**Talisman Malaysia Limited - Consultant** **Drilling Cost Analyst** reporting to Finance Department Prepared and presented monthly financial reporting. Coordinated Work Program and Budget. Well-Cost Review & AFE Closure. Created and maintained a Drilling Cost Management Guide.
2001 - 2005	**Landmark Graphics (Halliburton Company)** **Drilling Technical Consultant** Coordinated operations for Drilling in Asia Pacific Region for all Drilling Consultants in the region. Led the Drilling Technology Mastery Program Implementation for PCSB. **Business Development Manager** Provided technical expert advice and created market analysis and strategy for each country in the region.
1996 - 2001	**ExxonMobil** **Surveillance Engineer/Project Engineer** Prepared well programs and procedures for operations. Foundation to work in operator environment.



PROFILE

- Over 25 years of experience in drilling engineering and oil & gas industry

ACHIEVEMENTS

- **Professional Engineer** with Practicing Certificate
- **HRDF Certified Trainer**
- **Honorary Fellow** ASEAN Federation of Engineering Organisations
- **Fellow**, IEM
- ASEAN Engineering Register
- ACPE
- APEC Engineer
- University Industry Advisory Panel
- Engineering Accreditation Panel

VOLUNTEER WORK

Institution of Engineers, Malaysia

- Vice President (2022-2024), (2025-2027), Jurutera Bulletin Chief Editor, Executive Comm, Chairman - Oil, Gas & Mining Technical Division

Board of Engineers, Malaysia

- Engineering Digital Innovation Committee
- Corporate Communication Committee
- Application Committee
- Past: Application, Training & Education Committees

EDUCATION

- **Universiti Teknologi Malaysia**
  Ongoing – Engineering Doctorate
- **University of Sunderland**
  2021 – 2022
  MBA
- **Colorado School of Mines**
  1994 – 1996
  BSc Petroleum Engineering



Ir. Hizamul-din bin Ab Rahman obtained his Bachelor in Electrical Engineering from UiTM and Master of Project Management from UTM and. He served government for 35 years as Electrical Engineer in various positions in JKR. Prior retirement 2020, he was the Director of Special Project Team entrusted to managed projects in rehabilitating the Sabah Electricity Supply. Within the period of service, he also served Board of Engineer (BEM) as Registrar from 2009 until 2020.

He is a Professional Engineer with Practicing Certificate and ASEAN Chartered Professional Engineer. He also holds competency certificates as Registered Project Manager (JKR), Certified Construction Project Manager (CIDB) and Certified Assessor for Competency Based Workplace Assessments (JKR).

Currently he is appointed to serves BEM as Members of Engineers Acts Committee and Members of National Monitoring Committee.



Ir. YAU CHAU FONG

ELECTRICAL ENGINEER

yauchaufong@duriane.com

CURRENT DESIGNATION

- **Managing Director**, Duriane Professionals Sdn. Bhd.
- **President**, The Institution of Engineers, Malaysia (IEM) (Session 2026 – 2027 / 2027 – 2028)
- **BEM Board Member**, Board of Engineers Malaysia (BEM)

ACADEMIC QUALIFICATIONS

- Bachelor of Engineering (Honours) in Electrical Engineering, Universiti Malaya (UM)

PROFESSIONAL QUALIFICATIONS

1. Professional Engineer with Practising Certificate, Board of Engineers Malaysia (BEM)
2. Fellow, The Institution of Engineers, Malaysia (IEM)
3. Member, Association of Consulting Engineers, Malaysia (ACEM)
4. Green Building Index Facilitator (GBI Facilitator)
5. ASEAN Engineer (AE)
6. Uptime Institute Accredited Tier Designer (ATD)
7. Certified Data Centre Risk Professional (CDRP)
8. Certified TIA 942 Design Consultant (TIA 942)
9. Fellow, ASEAN Academy of Engineering & Technology (FAAET)
10. Asia Pacific Economic Co-operation Engineer (APEC Engineer)
11. ASEAN Chartered Professional Engineer (ACPE)

EMPLOYMENT HISTORY

2013 – Current	**Managing Director** Duriane Professionals Sdn. Bhd.
2011 – 2013	**Chief Consulting Officer (2012 – 2013) / Associate Consultant (2011)** Powerware System Sdn. Bhd.
2010	**Director** AD Consult Sdn. Bhd.
2002 – 2010	**Associate (2009 – 2010) / Electrical Engineer (2002 – 2008)** SSP (E&M) Sdn. Bhd.
2001 – 2002	**QC Engineer** OYL Manufacturing Co. Sdn. Bhd.

AREAS OF EXPERTISE

- Design and build consultant and principal engineer for design and implementation works.
- Project management, client liaison, feedback and coordination.
- Large scale electrical system design for various types of buildings, infrastructure works & aviation industries, renewable energy plants, industrial plants and data centres.

PROFESSIONAL RECOGNITION & AWARDS

- **Honorary Fellow**, ASEAN Federation of Engineering Organisations (AFEO).
- 2019 Industry Excellence Award, Institution of Engineering and Technology.

BIODATA



FIRST ADMIRAL (Rtd) DATO' Ir HAJI AHMAD MURAD BIN OMAR
MECHANICAL ENGINEER

Current Designation

- Executive Chairman (Lead Consultant), Omahams Corporation Sdn Bhd

Academic Qualifications

- M.Sc (Engineering Business Management) (Warwick)
- B.Eng (Mechanical) (UTM)

Professional Qualifications

- Professional Engineer with Practising Certificate, (BEM)
- Fellow, Institution of Engineers Malaysia (IEM)
- Chartered Engineer (UK)
- Corporate Member, Society of Naval Architects & Marine Engineers (USA)

Contact Info

- muradomar@omahams.com

Employment History

2007-2009
Chief Operating Officer/Acting Chief Executive Officer
Motor Technology Industri Sdn Bhd
Private Sector: Remanufacturing of automotive vehicles/repairs & precision machining process

1974-2007
Royal Malaysian Navy – last position held as Fleet Material Commander (Rank First Admiral)
Government / Public Sector: Engineering operation & maintenance, strategic planning and management, project leadership/management (surface vessel and submarines) and education and training.

AREA OF EXPERTISE

- Consultancy for Project Management and new initiatives (shipbuilding & ship repair)
- Coaching in leadership and professional training.
- Contracting provision of supervision and workforce in hull and outfitting related sectors of ship building/repair.
- Key trainer in human capital development for professional engineering development.
- Provision in strategic advisory capacity for academia/industry relations.

Professional Recognition & Awards

- Dato' Paduka Mahkota Selangor (DPMS) - Dato'
- 2, PAT (Pahlawan Angkatan Tentera)
- 4. KAT (Kesatria Angkatan Tentera) Honorary Doctorate (Technology) Universiti Malaysia Terengganu
- Honorary Vice President for Institute of Marine Engineering Science & Technology (UK)
- Fellow, Institute of Marine Engineering, Science & Technology (UK)
- Fellow, ASEAN Academy of Engineering & Technology (AAET)



Ir. Fam Yew Hin

ACADEMIC QUALIFICATION

- Bachelor of Engineering (Mechanical Engineering), University of Sheffield, United Kingdom

CURRENT POSITIONS

- Consulting Engineer and Director, Wibawa Consultancy Sdn. Bhd.
- Chairman, BEM Strategic Plan 2026 – 2030 (Thrust P3.1.1)

PROFESSIONAL EXPERIENCE

2016 – Present
Director
Wibawa Group
Consultancy, Maintenance, Training and Development for Power and Oil & Gas

2013 – 2016
Assistant General Manager
Regional IPP

2010 – 2012
Head (Industry Development)
Energy Commission
Reform of Electricity Supply Industry

2007 – 2010
Manager; Senior Manager (Business Development)
Powertek Berhad

Aug 1999 – Jun 2007
Senior Engineer; Special Officer to CFO
Tenaga Nasional Berhad

KEY PROJECTS INVOLVED

- Manjung 3 × 700 MW Coal-Fired Power Plant, Malaysia
- Shuaibah Independent Water and Power Project (IWPP), Saudi Arabia (900 MW, 880,000 m³/day)
- Banten Coal-Fired Power Plant, Indonesia
- 42 MW Phung Phu Large-Scale Solar PV Project, Vietnam
- Design and implementation of firefighting systems
- Design and implementation of HVAC systems

AREAS OF EXPERTISE

- Power and Energy Sector
- Mechanical Engineering
- Project Development and Implementation
- Engineering Management
- Regulatory and Standards Compliance
- Engineering Accreditation
- Quality Assurance and Continuous Improvement



IR. TS. DR. MOHAMAD SYAMIR BIN SENIN

syamirc@me.com | (M) +6014-546 6664 | fb.com/syamirc | www.syamirc.com

WHO AM I: A confident who is self-motivated, self-sufficient, fast learner and work as a team. As a hard working and ambitious invidual i had no problem following instructions from senior. Able to work in team and willing to travel.

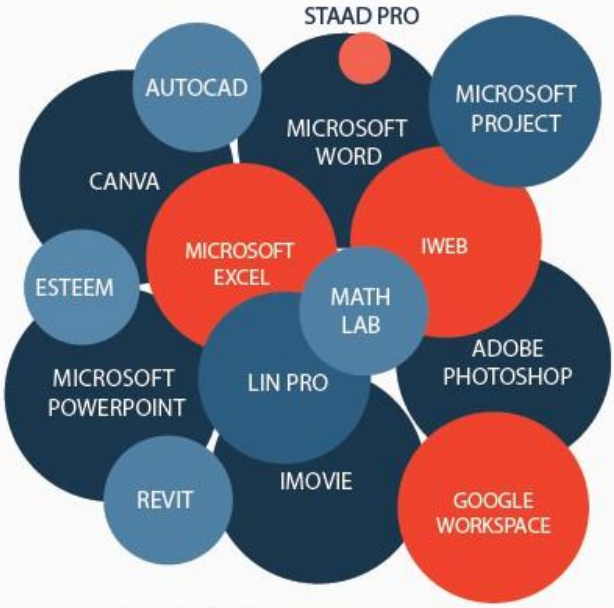
EDUCATION

2015-2022	DOCTOR OF PHILOSOPHY (PhD)	UNIVERSITY TUN HUSSEIN ONN MALAYSIA DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING
2012-2015	BACHELOR	UNIVERSITY TUN HUSSEIN ONN MALAYSIA BACHELOR OF CIVIL ENGINEERING WITH HONOURS CGPA: 3.87/4.00
2009-2012	DIPLOMA	UNIVERSITY TUN HUSSEIN ONN MALAYSIA DIPLOMA OF CIVIL ENGINEERING WITH TECHNOLOGY CGPA: 3.70/4.00
2004-2008	SPM	SMK SERI INTAN KLUANG 2A, 2B, 4C, 1D, 1E

SKILLS & CERTIFICATIONS

Professional Technologies | MBOT	2025
Professional Engineer | BEM	2024
Certified Integrity Officer (CeIO) | MACA	2023
Basic Scaffold Inspector | PERI	2022
International Scaffold Inspector | STI	2022
TTT OSHCIM Professional | DOSH	2019
Safe Working in Confined Space | DOSH	2018
Access Towers User | PASMA	2018
Advance Open Water Diver | PADI	2018
Open Water Diver | PADI	2015

PROFESSIONAL SKILLS



PUBLICATIONS

JOURNAL & PROCEEDINGS	16
BOOKS	3
ARTICLE	1
h-index	8

EXPERIENCE

2025-Current	UNIVERSITI TEKNOLOGI MALAYSIA	SENIOR LECTURER Faculty of Civil Engineering
2017-2025	DEPARTMENT OF OCCUPATIONAL SAFETY & HEALTH (DOSH)	ASSISTANT DIRECTOR Eight years in Construction Safety Division
2015-2022	UNIVERSITY TUN HUSSEIN ONN MALAYSIA (UTHM)	RESEARCH ASSISTANCE Seven years research on construction material engineering.
2015	BARISAN NASIONAL	SPECIAL OFFICER MANTAP V Two months program under Datuk Seri Razali Ibrahim
2014	DEPARTMENT OF IRRIGATION AND DRAINAGE (DID)	CIVIL ENGINEER Ten weeks intern
2012	PUBLIC WORKS DEPARTMENT (PWD)	SITE SUPERVISOR Ten weeks intern

PROFESSIONAL WORKS

Member of Working Committee
- OSHCIM Regulations
- WAH Regulations
- OSHCIM ICOP
- OSHCIM Guidelines
- Mobile Access Tower Guidance

Industrial Advisory Panel
- Construction Skills Qualification Framework (CSQF) LIFTING & FALSEWORK | CIDB
- Construction Industry Competency Standard (CICS) Scaffold| CIDB
- Advanced Scaffold Training Module | CIDB

Speaker
- OSHCIM | BEM Road Show
- OSHCIM | IEM Symposium
- OSHCIM | TTT PETRONAS
- OSHCIM | KLIA
- OSHCIM | IWK
- BASIC SCAFFOLD DESIGN | Jerayawara JKKP
- OSHCIM | SUNWAY CONSTRUCTION
- OSH | UEM EDGENTA

AWARDS

EXCELLENT SERVICE AWARDS (APC)| DOSH	2022
BRONZE AWARD INNOFEST | UTHM	2016
FIRST CLASS DEGREE | UTHM	2015
ANUGERAH SULTAN IBRAHIM | UTHM	2015
ANUGERAH CANSELOR | UTHM	2015
ANUGERAH NAIB CANSELOR | UTHM	2015
ANUGERAH DEKAN | UTHM	2012-2015
ANUGERAH PEMIMPIN TERBAIK | UTHM	2015
GOLD AWARD UTM BRIDGE | UTHM	2015
THE BEST LANDSCAPE | UTHM	2015
GOLD AWARD NATIONAL GEOFEST | UTHM	2014
FIRST CLASS DIPLOMA | UTHM	2012
ANUGERAH NAIB CANSELOR | UTHM	2012
ANUGERAH DEKAN | UTHM	2010-2012

CURRICULUM VITAE



Full Name:	Ir. Ts. Dr. Mohd Fairuz bin Ab Rahman, PMP®
Present Position/Institution:	Deputy Director, Construction Safety Division
Address	Level 1, 3, 4 & 5, Block SP4, Complex Setia Perkasa, Federal Government Administrative Centre, 62530 Putrajaya
Contact numbers	Work: +603 8886 6453
Email address	mfairuz@mohr.gov.my | fairuzabrahman@gmail.com
Qualifications:	PhD (Mechanical Engineering), RMIT University, Australia, 2012 MSc. (Integrated Construction Project Management), UiTM, 2006 B.Eng (Mechanical Engineering) Hons, University of Sheffield, UK, 2000
Membership of Professional Organisations:	Corporate Member (M23984), The Institute of Engineers, Malaysia since 2008 Professional Engineer (P113612), Board of Engineers Malaysia since 2008 Professional Engineer with Practicing Certificate (C113612), Board of Engineers Malaysia since 2015 Ordinary Member (001214), Malaysian Society for Engineering & Technology, 2012 Professional Technologist (PT20100136), Malaysia Board of Technologists, since 2020 ASEAN Chartered Professional Engineer (ACPE-04834/MY), since 2021 Member, Project Management Institute (PMI) (ID: 12576407) Project Management Professional (PMP)® (Certification No. 4397171) ANSARA Malaysia (Terendak Chapter 1994) RMIT University Alumni University of Sheffield Alumni (Membership Number: 116990)
Professional Experience:	2026-2027, Deputy Director, DOSH Terengganu 2024-2026, Deputy Director, Construction Safety Division, DOSH HQ 2014-2024, Section Head, Construction Safety Division, DOSH HQ 2012-2014, Assistant Director, Forensic Engineering Division, DOSH HQ 2009-2012, PhD Candidate, RMIT University (study leave) 2003-2009, Assistant Director, Industrial Safety Division, DOSH HQ 2002-2003, Technical Planning Engineer, Gas Malaysia Sdn. Bhd. 2000-2002, Mechanical Engineer, HeveaBoard Sdn. Bhd.
Research Experience:	1. PhD Thesis (2009-2011): Studied a fatigue crack growth phenomenon (stable tearing) under constant amplitude and variable amplitude fatigue loading in aluminium alloys and developed a new validated stable tearing crack growth predictive model for assessing the stable tearing crack jump length on fatigue fracture surfaces. The study highlights the significance of fractographic analysis in interpreting cracking behaviour and helps in establishing confident durability assessment on engineering structure. 2. AJK Jawatankuasa Kajian “Keselamatan penggunaan kren menara di Malaysia” (conducted by UKM cost RM1,000,000) (2017). 3. AJK Jawatankuasa Kajian “Practical guidance and compliance of OSHCIM Guidelines” (conducted by UTM cost RM450,000) (2018). 4. National Expert for Research on the Economic Justification of the Occupational Safety and Health Implementation in the Construction Sector, funded by Asian Development Fund (2021). 5. AJK Jawatankuasa Kajian “Hazard study and effective occupational safety and health solution towards new technology advancement IR4.0” (conducted by UiTM cost RM300,000) (2022-2023). 6. Pengerusi Jawatankuasa Kajian “Intervensi, efektif dan praktikal untuk menangani lima (5) jenis kemalangan maut utama dalam sektor tempat

kerja berisiko tinggi" (conducted by UKM cost RM400,000) (2022-2023)

Awards:

1. Anugerah Pekerja Contoh Siri 2/2012 (Peringkat Ibu Pejabat)
2. Anugerah Perkhidmatan Cemerlang 2012 (KSM-JKKP)
3. Anugerah Perkhidmatan Cemerlang 2015 (KSM-JKKP)
4. Anugerah Perkhidmatan Cemerlang 2023 (KSM-JKKP)

Professional Works:

1. Visual Welding Inspector CSWIP (Nov 2007 – Aug 2012)
2. Member of working committee – OSHA (Amendment) & FMA (Revocation) (2014-2024), OSHCIM Guidelines (2017-2020), Excavation Works Guidelines (2016-2017)
3. Member of working committee to develop Malaysia Standard for electric lift (2006-2011)
4. Examination Panel for Lift Competent Person (2017)
5. Interview Panel for SHO (2017-2024)
6. Industrial Advisory Panel (Mechanical Engineering), Universiti Tenaga Nasional (2014-2019)
7. Industrial Advisory Panel (Mechanical Engineering), Universiti Malaysia Pahang (2014-2016)
8. Industrial Advisory Panel (Mechanical Engineering), Universiti Kebangsaan Malaysia (2016-2019)
9. Prosecution Expert Witness DOSH vs Wonderful Niche Development Sdn. Bhd. In Seremban Session Court (8 December 2017)
10. Resource Person, Nuclear Feasibility Study and Training Workshop (April-June 2014) by Burns and Roe, New Jersey, USA
11. Industrial Expert, BC13-00 Sektor Bangunan dan Pembinaan, Jabatan Pembangunan Kemahiran
12. Panel Penilai Dokumen Standard Bidang Binaan Bangunan, Tahap 2-3, JPK (27 Okt 2018)
13. Ahli Panel Penilai, Agensi Kelayakan Malaysia (MQA) (2018-2020)
14. Ahli Panel Penilai (Kejuruteraan Mekanikal, Keselamatan dan Kesihatan Persekitaran), Agensi Kelayakan Malaysia (MQA) (2019-2022)
15. Pegawai Penilai Bertauliah SHASSIC (CIDB) (2020-2022)
16. Pegawai Pakar Bidang Khusus, Keselamatan Pembinaan (Reka Bentuk dan Pengurusan Pembinaan) (JPA) (2021-2023)
17. Co-Chairman Committee to draft new construction work regulations under OSHA (2016-2024)
18. Committee member to draft new work at height regulations under OSHA (2016-2024)
19. Interview Panel Scaffold Trainer (2020-now), DOSH
20. Ahli Lembaga Pengajian Program Akademik Sarjana Kejuruteraan Forensik, Fakulti Kejuruteraan Awam, UTM (2012)
21. Interview Panel for Lift Competent Person (Gred 2) 2013, DOSH
22. Ahli Subpanel Penilaian Kajian Kemungkinan (Feasibility Study) Projek Pembangunan Tenaga Nuklear 2013-2015)
23. Interview Panel for Hadiah Latihan Persekutuan (HLP) 2015, JPA
24. Mentor Skim Sangkut Industri UTeM (Dr. Zurina Shamsudin) 2016
25. Pegawai Untuk Mengelaskan Dokumen Terperingkat Akta Rahsia Rasmi 1972 di bawah Seksyen 2B (23 Jun 2016)
26. Interview Panel for Site Safety Supervisor & Scaffolder 2018, DOSH
27. Interview Panel for Hadiah Latihan Persekutuan (HLP) 2022, JPA
28. Member of Editorial Board for OSH Continual Improvement Bulletin, UTMUnbox (2022-now)
29. Alternate Member Construction Competency Technical Committee (Lifting and Falsework) for Construction Skills Qualification Framework), CIDB (2022-2024)
30. Alternate Member for National Standard Committee on Mechanical Engineering (NSC F), JSM (2022-2024)
31. Working Group under BEM Strategic Plan 2021-2025 under Professional Practice Committee (PPC), Theme 2: Safeguard Public Safety, Health & Interest (2021-2025)
32. External Examiner for PhD Thesis "Development of Construction Safety Leadership Competency Framework", UTM (2021)
33. External Examiner for PhD Thesis "Framework to improve the fire management system in the Emirate of Sharjah", UTM (2023).
34. Penilai Manuskrip Buku "Pencegahan Kemalangan Kerja melalui Reka Bentuk: Kepentingan dalam praktis". 2023. Dewan Bahasa dan Pustaka
35. Ahli Jawatankuasa Pembangunan Standard Bidang Penyelia Perancah
36. Ahli Lembaga Penilaian Kompetensi Keselamatan dan Kesihatan Pekerjaan (LPKKKP), DOSH

Publications:

2010

1. **Ab Rahman, M.F.**, Mohammed, R.D., Yu, X., Liu, Q., Clark, G. 2010. Assessment of stable tearing on fatigue fracture surfaces. *Engineering Failure Analysis* 17(6): 1313-1327.
2. **Ab Rahman, M.F.**, Mohammed, R.D., Yu, X., Liu, Q., Clark, G. 2010. Prediction of stable tearing in fatigue crack growth. *Procedia Engineering* 2(1): 1515-1521.
3. **Ab Rahman, M.F.**, Mohammed, R.D., Yu, X., Liu, Q., Clark, G. 2010. Prediction of stable tearing in fatigue crack growth. In *Proceedings of the 10th International Fatigue Congress*. Prague, Czech Republic.
4. **Ab Rahman, M.F.**, Mohammed, R.D., Yu, X., Liu, Q., Clark, G. 2010. Stable tearing in aircraft materials. In *Proceedings of the 27th International Congress of the Aeronautical Science*s. Nice, France.
5. **Ab Rahman, M.F.**, Mohammed, R.D. & Clark, G. 2010. The influence of plastic zone size in stable tearing. In *Proceedings of the 21st Australasian Conference on the Mechanics of Structures and Materials*. Melbourne, Australia.

2011

6. **Ab Rahman, M.F.**, Mohammed, R.D., Clark, G. 2011. The influence of plastic zone size in stable tearing. In S. Fragomeni, S. Venkatesan, N.T.K. Lam, S. Setunge, (eds), *Incorporating sustainable practice in mechanics of structures and materials*: 679-684. Leiden: CRC Press.
7. **Ab Rahman, M.F.**, Mohammed, R.D., Wang, C., Yu, X., Liu, Q., Clark, G. 2011. Stable tearing in fatigue crack growth. In P. Jackson, C. Trasteli, (eds), *A review of Australian and New Zealand investigations on aeronautical fatigue during the period April 2009 to March 2011*: 2-4. DSTO-TN-09931.

2012

8. **Ab Rahman, M.F.**, Clark, G., Wang, C.H. 2012. Predictive models for stable tearing crack growth due to overloading in fatigue. *Fatigue and Fracture of Engineering Materials and Structures*.

2016

9. A Rahman, M.A., *et al*., 2016. Configuring safe industrial robot work cell in manufacturing industry. *Jurnal Teknologi*.

2017

10. **Mohd Fairuz Ab Rahman**. 2017. Improving occupational safety and health in construction. *The Ingenieur*, Vol. 69 January – March 2017.
11. Garis Panduan Keselamatan dan Kesihatan Pekerjaan Industri Pembinaan (Kerja Pengorekan) 2017 by DOSH
12. Guidelines on Occupational Safety and Health in Construction Industry (Management) 2017 by DOSH
13. Osman, N.S., *et al*., 2017. Configuring robot work cell based on a multi-shaped layout approach. *International Journal of Automotive and Mechanical Engineering* 14(4): 4826-4845.

2018

14. **Ir. Dr. Mohd Fairuz Ab Rahman**. 2018. Lessons Learnt from Investigation of Construction Accidents. *The Ingenieur*, Vol. 76 October – December 2018 (Cover Feature pp. 23).

2019

15. **Ir. Dr. Mohd Fairuz Ab Rahman**. 2019. Occupational Safety and Health in Construction Industry Management Guidelines (OSHCIM). *The Ingenieur*, Vol. 79 July – September 2019 (pp. 48-55).

2020

16. Ir. Dr. Mohd Fairuz Ab Rahman et al. 2020. Occupational Fatalities in Construction, 2019. Master Builders Journal #120.
17. Mohd Rohani, J., … Mohd Fairuz Ab Rahman. 2020. OSHCIM implementation readiness from the perspectives of designers and contractors in Malaysia construction industry. JOSH December 2020 17(2): 13-20. http://www.niosh.com.my/images/jurnal2020/JOSH%20Disember%202020,%20Vol%2017%20No2_Layout-2%20(4)_b5-simili%2080%20gsm_1c+1c%20(2).pdf#page=15

2021

18. NN Sarbini, AN Abdul Aziz, AN Mazlan, NH Abdul Shukor Lim and **Mohd Fairuz Ab Rahman**. 2021. Key design issues in the construction project: Conceptual and detailed design review phases. IOP Conf. Ser.: Mater. Sci. Eng. https://iopscience.iop.org/article/10.1088/1757-899X/1200/1/012028
19. **Ir. Dr. Mohd Fairuz Ab Rahman**. 2021. Occupational Safety and Health in Construction: A Malaysian Perspective. In OSH in Malaysia: Securing the future, NIOSH (Jul 2021). http://www.niosh.com.my/images/book/OSHIM.pdf
20. Ir. Tajul Ariffin Mohammed Nori, **Ir. Dr. Mohd Fairuz Ab Rahman** and Ts. Zainor Akramin Hj. Zaini. 2021. Opportunities for Safety Engineers in 4IR. JURUTERA September 2021.
21. **Ir. Dr. Mohd Fairuz Ab Rahman**. 2021. OSHCIM Implementation Readiness from the Perspective of Designers and Contractors in Malaysia. Journal of NIOSH (vol. 17, no. 2)
22. Guidelines for Safe Use of Self-Climbing Perimeter Protective Screen, MBAM-PERKESO-CIDB-DOSH-TAM
23. **Ir. Dr. Mohd Fairuz Ab Rahman**, Ts. Mohd Fiqri Mohd Hanafi and Ts. Nazruddin Mat Ali. 2021. Six best practices to prevent temporary structure failures during construction. *The Ingenieur*, Vol. 88 October – December 2021.

2022

24. Ismail, H.B.B., Sarbini, N.N.B., Ariffin, H.L.B.T., Ibrahim, I.S.B. and **Rahman, M.F.B.A.** 2022. Causal Factors of Accident Related to Design Aspect in Construction Industry, Din, M.F.M., Alias, N.E., Hussein, N. and Zaidi, N.S. (Ed.) Sustainability Management Strategies and Impact in Developing Countries (Community, Environment and Disaster Risk Management, Vol. 26), Emerald Publishing Limited, Leeds, pp. 149-164. https://doi.org/10.1108/S2040-726220220000026012
25. Yu Lian Ong, **Mohd Fairuz Ab Rahman**, Nazruddin Mat Ali and Kamarizan Kidam. 2022. Design review on sewage treatment plant development and design. UTM OSH Continual Improvement Bulletin, October 2022 (Vol. 1).
26. Adibah Abd Aziz, Kamarizan Kidam, **Mohd Fairuz Ab Rahman** and Nazruddin Mat Ali. 2022. Design failure analysis at pre-construction phase of construction project based on accident cases. UTM OSH Continual Improvement Bulletin, October 2022 (Vol. 1).

2023

27. **Ir. Dr. Mohd Fairuz Ab Rahman**, Dr. Mohamad Syamir Senin and Ts. Nazruddin Mat Ali. 2023. OSH for Construction Industry (Management): OSHCIM conceptual and implementation. FYi NIOSH February 2023.
28. **Ir. Dr. Mohd Fairuz Ab Rahman**, Dr. Mohamad Syamir Senin and Ts. Mohd Fiqri Mohd Hanafi. 2023. OSHCIM Guidelines: 5 main elements to good management practices. JURUTERA April 2023.
29. Ir. Dr. Noor Nabilah Sarbini and **Ir. Dr. Mohd Fairuz Ab Rahman**. 2023. OSHCIM Guidelines to Improve Occupational Safety Performance. *The Ingenieur*, Vol. 96 October – December 2023.
30. Guidance on Safe Use of Mobile Access Towers. 2023. DOSH.

2024

31. **Ir. Dr. Mohd Fairuz Ab Rahman**, Mohd Fiqri Mohd Hanafi, Dr. Mohamad Syamir Senin and Ir. Dr. Noor Nabilah Sarbini. 2024. New Set of OSH regulations for the Construction Industry. *The Ingenieur*, Vol. 98 April – June 2024.

2025

32. Garis Panduan bagi Akta Keselamatan dan Kesihatan Pekerjaan, Edisi Kedua Tahun 2025, DOSH
33. Modul Kursus Kompetensi Penyelia Keselamatan Tapak 2025, DOSH
34. Garis Panduan bagi Peraturan-Peraturan Keselamatan dan Kesihatan Pekerjaan (Kerja Pembinaan) (Reka Bentuk dan Pengurusan) 2024, Edisi Pertama

Presentation:

2012

1. Speaker/Presenter at Technical Seminar on Forensic Engineering, IEM Penang (12 Sep 2012)

2013

2. Speaker/Presenter at Seminar Keselamatan dan Kesihatan Pekerjaan 2013 “KKP Pemangkin Transformasi Negara”, JKKP Melaka (18 Nov 2013)

2016

3. Speaker/Presenter on safety in construction site, Lembaga Lebuhraya Malaysia (LLM) (21 Nov 2016)
4. Speaker/Presenter on Guidelines on CDM, Seminar Kebangsaan Keselamatan dan Kesihatan Pekerjaan 2016 (8-9 Dec 2016)

2017

5. Speaker/Presenter on Guidelines on OSH in Construction Industry (Management) 2017, MNKKP (15 Mac 2017)
6. Speaker/Presenter at MBAM Annual Safety & Health Conference 2017 (16-17 May 2017)
7. Speaker/Presenter on Garis Panduan Keselamatan dan Kesihatan Pekerjaan di Industri Pembinaan (Pengurusan) 2017, IJM HSE Day 2017 (27 Jul 2017)

2018

8. Speaker/Presenter at Conference on Safe by Design through OSH Construction Industry Management (OSHCIM), IFOG-UTM (17-18 Jul 2018)
9. Speaker/Presenter at OSHCIM Principal Designer & Designer Competency Seminar, UTM-DOSH (17-18 Oct 2018)
10. Speaker/Presenter at REHDA Selangor Housing Convention, REHDA Selangor (15 Nov 2018)

2019

11. Speaker/Presenter at Seminar Perancangan Bandar 2019: Pemantapan Keselamatan dan Kesihatan Pekerjaan dalam Pengurusan Projek (7 Mac 2019)
12. Speaker/Presenter on proposed amendments to OSHA 1994, MBAM (2 Apr 2019)
13. Speaker/Presenter at KVMRT OSH Conference: Safety and Health and the Future of Work (2-3 May 2019)
14. Speaker/Presenter on legislation related with OSHCIM, Association of Consulting Engineers Malaysia (ACEM) (15 Jul 2019)
15. Speaker/Presenter at BEM Training & Education Roadshow 2019 “Safety Awareness” on OSHCIM Guidelines for Engineers, BEM (15 Jul 2019)
16. Speaker/Presenter at BEM Training & Education Roadshow 2019 “Safety Awareness” on OSHCIM Guidelines for

Engineers, BEM (2 Aug 2019)
17. Speaker/Presenter at Malacca OSH Seminar 2019, JKKP Melaka (6 Aug 2019)
18. Speaker/Presenter at OSHCIM Workshop, NCOSH (12 Sep 2019)
19. Speaker/Presenter at BEM Training & Education Roadshow 2019 “Safety Awareness” on OSHCIM Guidelines for Engineers, BEM (15 Oct 2019)
20. Speaker/Presenter at Programme for QS Registration Scheme 2019, Lembaga Juruukur Bahan Malaysia, UM & RISM (22 Oct 2019)
21. Keynote Speaker at Occupational Safety & Health in Construction Industry (Management) OSHCIM Conference, UTM (10 Dec 2019)

2020

22. Speaker/Presenter at Webinar “The Guidelines on Occupational Safety and Health in Construction Industry (Management) (OSHCIM), Urban Engineering Development Special Interest Group (UEDSIG), IEM (12 Sep 2020)
23. Speaker/Presenter at 7th MBAM Seminar on OSH and Workshop on PTW for Construction, MBAM-CIDB (18 Sep 2020)
24. Speaker/Presenter at Workshop on OSHCIM Concept Appreciation and Duty Holders’ Roles and Responsibilities, Sime Darby Property-UTM (7 Oct 2020)
25. Speaker/Presenter at Webinar “Road to OSHCIM Professional”, UTM (29 Nov 2020)

2021

26. Speaker/Presenter on Design and calculation of scaffolding, JKKP Johor (5 Jan 2021)
27. Speaker/Presenter at PAMSO Online CPD Seminar, Pertubuhan Akitek Malaysia (PAM) (27 Feb 2021)
28. Speaker/Presenter at Lifting Seminar 2021: Enhancement of Public Safety in Construction Industry, UTM (27-28 Jul 2021)
29. Speaker/Presenter at MSOSH OSH Tonight on Structural Analysis, MSOSH (20 Aug 2021)
30. Speaker/Presenter at Promotion of Best Practices of Regulations, Circular and Guidelines on Safety and Health of CIDB and DOSH, BEM (12 Oct 2021)
31. Speaker/Presenter at 60 Minutes OSH Leader di Sektor Pembinaan, JKKP Kedah (18 Oct 2021)
32. Speaker/Presenter at Workshop on OSH Risk Assessment in Construction Work, TNB (11-12 Nov 2021)
33. Panel member at BEM Hybrid Mini Convention 2021 on Role of Regulatory Bodies to Ensure Integrity and Safety of Publics, BEM (16 Nov 2021)

2022

34. Speaker/Presenter at OSHCIM for Contractors and HSE Practitioners, UTM (8 Jan 2022)
35. Speaker/Presenter on scaffolding design and OSHCIM guidelines, JKKP WP Labuan (8 Feb 2022)
36. Speaker/Presenter on scaffolding design and OSHCIM Guidelines, JKKP Sarawak (9 Feb 2022)
37. Speaker/Presenter on OSH in Construction Industry (Management), JKKP Melaka (10 Mac 2022)
38. Speaker/Presenter on Design and practical calculation of scaffolding, JKKP Negeri Sembilan (31 Mac 2022)
39. Panel member at BEM Webinar 2022 on Promotion of best practices of regulations and guidelines on safety and health of OSHCIM and BEM, BEM (18 Apr 2022)
40. Speaker/Presenter Internal Training for JKKP Selangor on Basic Scaffolding Design and Installation, JKKP Selangor (26 Apr 2022)
41. Speaker/Presenter at Half-day online course on Design Risk Assessment – OSHCIM Process, IEM (10 May 2022)
42. Speaker/Presenter on Design and regulatory requirements of scaffolding, JKKP Terengganu (24 May 2022)
43. Speaker/Presenter at OSHCIM Training to Sunway Property (8-9 Sep 2022)
44. Expert Panel at OSHCIM Workshop on Design Risk Assessment, JKKP (27-29 Sep 2022)
45. Speaker/Presenter at OSHCIM Training to Sunway Property (17-18 Oct 2022)
46. Speaker/Presenter at BEM Convention 2022, BEM (26 Oct 2022)
47. Speaker/Presenter at OSHCIM Training to Sunway Property (1-2 Nov 2022)
48. Speaker/Presenter at OSHCIM Training to Sunway Property (5-6 Dec 2022)

2023

49. Speaker/Presenter at Sime Darby Property Berhad OSHCIM Dialogue, SDP (28 Mac 2023)
50. Speaker/Presenter at CREAM Webinar Series 2023, CREAM (30 Mac 2023)
51. Speaker/Presenter on basic scaffolding based on TG20, JKKP Sabah (13-14 Jun 2023)
52. Speaker/Presenter at T-LIA Forum: Tighten the grip, lifting, Petronas (19 Jun 2023)
53. Speaker/Presenter at BEM Roadshow 2023 (Sabah), BEM (6 Jul 2023)
54. Speaker/Presenter at BEM Roadshow 2023 (Sarawak), BEM (27 Jul 2023)
55. Speaker/Presenter at BEM Convention 2023, BEM (22-24 Aug 2023)
56. Speaker/Presenter at Industry & Academia Synergy Webinar 3/2023: Guidance for Occupational Safety and Health (OSH) in Construction Industry: the General Principles of Prevention, UTM (5 Sep 2023)
57. Speaker/Presenter at T-LIA Forum Q3: Let’s dig deep on excavation safety, Petronas (21 Sep 2023)
58. Speaker/Presenter on OSH in Construction Industry (Management), REHDA-JKKP Pahang (15 Nov 2023)
59. Speaker/Presenter on Working at Height New Regulations: Climbing to compliance, Safety Edge Virtual

Conference 2023 (22 Nov 2023)

60. Speaker/Presenter at Seminar Akta KKP (Pindaan) 2022: OSHCIM dan kesan kepada industry pembinaan, UTMUnbox (14 Dec 2023)

2024

61. Speaker/Presenter and Panel at Seminar on Scaffolding Management in Terengganu, DOSH-Bestrich (28 Feb 2024)
62. Speaker/Presenter at online courses on AKKP (Pindaan) 2022 and CDM Regulations 2024. UTM-MPRC IFOG (6 Jul 2024)
63. Speaker/Presenter at 3rd Conference on Innovation & Intervention for QHS2E Continual Improvement: Risk Analysis and Reduction through GPP (30-31 Jul 2024)
64. Speaker/Presenter at Seminar MNKKP on CDM/OSHCIM. MNKKP (5 Aug 2024)
65. Speaker/Presenter at AKKP (Pindaan) 2022 and CDM Regulations 2024, Gas Malaysia Sdn. Bhd. (14 Aug 2024)
66. Speaker/Presenter on CDM Regulations 2024 at Equator Engineering Sdn. Bhd. (15 Aug 2024)
67. Speaker/Presenter at CREAM Webinar Series 2024. CREAM (21-22 Aug 2024)
68. Speaker/Presenter at Seminar on Construction Work Design and Management 2024 (CDM 2024), IFOG-UTM (19-20 Aug 2024)
69. Speaker/Presenter at Seminar Peraturan-Peraturan Keselamatan dan Kesihatan Pekerjaan (Kerja Pembinaan) (Reka Bentuk dan Pengurusan) 2024 Peringkat Negeri Perak, JKKP Perak (29 Aug 2024)
70. Speaker/Presenter at Seminar Penguatkuasaan Latihan Juruperancah berdasarkan Technical Guidance 20 (TG20) di IKBN Bandar Penawar, IKBN-KBS (9 Sep 2024)
71. Speaker/Presenter on CDM Regulations 2024, JKKP WP Kuala Lumpur & Putrajaya (11 Sep 2024)
72. Speaker/Presenter at BEM Convention 2024, BEM (2 Okt 2024)
73. Speaker/Presenter at CDM Workshop 2024, BEM (3 Okt 2024)
74. Speaker/Presenter at Webinar AKKP Pindaan 2022 dan Peraturan CDM 2024, UTMUnbox (5 Okt 2024)
75. Speaker/Presenter at Seminar Keselamatan dan Kesihatan Pekerjaan Kebangsaan 2024, MNKKP (23 Okt 2024)
76. Speaker/ Presenter at Seminar Keselamatan dan Kesihatan Pekerjaan Industri Pembinaan 2024, MNKKP (5 Nov 2024)
77. Speaker/Presenter at BEM Roadshow 2024 Kuching, Sarawak, BEM (14 Nov 2024)
78. Speaker/Presenter at TNB Grid on CDM Regulations 2024 (18 Nov 2024)
79. Speaker/Presenter at BEM Roadshow 2024 Kota Kinabalu, Sabah, BEM (20 Nov 2024)
80. Speaker/Presenter at MBAM Workshop on CDM Regulations and OSHCIM Guidelines, Kuala Lumpur (28 Nov 2024)
81. Speaker/Presenter at Taklimat Peraturan CDM kepada Pegawai JKKP Negeri (17 Dec 2024)
82. Speaker/ Presenter at Sunway Construction Project (19 Dec 2024)

2025

83. Speaker/Panel Member at Bengkel & Dialog Pematuhan dan Peraturan CDM Peringkat Negeri Pahang 2025, Kuantan (12-13 Feb 2025)
84. Speaker/Presenter at CREAM Webinar 2025 (4-5 Mac 2025)
85. Speaker at ACEM Forum 2025 on CDM Regulations (17 Apr 2025)
86. Speaker at BEM Webinar 2025 on CDM Regulations (22 Apr 2025)
87. Speaker at Seminar Building Beyond Safety: The Occupational Safety and Health Seminar 2025 on CDM Regulations and WAH Regulations (29 Apr 2025)
88. Speaker at MBAM Annual Safety and Health Conference 2025 (20 May 2025)
89. Speaker at PAM CDM Regulations 2024: What architects need to know (24 May 2025)
90. Speaker at JKKP Terengganu Seminar on CDM Regulations 2024 (12 June 2025)
91. Speaker at JKKP Terengganu Seminar on CDM Regulations 2024 (12 June 2025)
92. Speaker at PAM Northern Chapter Seminar on CDM Regulations 2024 (21 June 2025)
93. Speaker at IEM Webinar on CDM Regulations 2024 (25 June 2025)
94. Speaker at Bengkel Modul CDM on CDM Regulations 2024 (30 June 2025)
95. Speaker at Seminar Modul Kompetensi SSS on CDM Regulations 2024 (22 July 2025)

Courses/ Workshops/ Seminars:

2004/5

1. Kursus Modul Induksi Khusus dan Orientasi Jabatan, JKKP (28 Aug 2003 – 15 May 2004)
2. Engineering Management Practice, BEM (24-25 May 2005)
3. Kursus Kenegaraan Sistem Saraan Malaysia PTK1, Biro Tatanegara (26-30 May 2005)

2006

4. Kursus Pengurusan Kos Strategik Bil. 1/2006, INTAN (6-8 Mac 2006)
5. Code of Ethics/ Regulations, BEM (16-17 Aug 2006)
6. Hazard Identification, Risk Assessment and Risk Control (HIRARC), NIOSH (5-7 Dec 2006)

2007

7. Scaffold Safety for Engineers, CFS Engineering Associates Sdn. Bhd. (15-16 Jan 2007)
8. Lifts, Escalators & Moving Walks, Applied Technology Conferences (21-22 May 2007)
9. Visual Welding Inspector, TWI (11-13 Jul 2007)
10. Introduction to Fatogue, UTM (30-31 Jul 2007)
11. Section VIII, DIV. 1, Design & Fabrication of Pressure Vessel, ASME (13-15 Sep 2007)
12. Project & Construction Management, KLIA Consult (12-16 Nov 2007)

2008

13. Preparatory Course for PhD, INTAN (29 Apr-6 Jun 2008)
14. Radiographic Interpretation (RI) – Light & Dense Metal Welds (Part B). TWI (3-7 Nov 2008)
15. Seminar Kebangsaan Keutuhan Bahan dan Struktur, Agensi Nuklear Malaysia (18-19 Nov 2008)

2009

16. A Step Ahead: Higher Degrees by Research Student Conference 2009, SAMME RMIT University

2012

17. Learning from Expert, Profmetal Sdn. Bhd. (22-24 May 2012)
18. Kursus Pemantapan Pendakwaan Pegawai JKKP Malaysia Bil, 2/2012, JKKP (25 Jun – 1 Jul 2012)
19. Creative Thinking, Innotech Excel Consulting (15-18 Oct 2012)
20. Recent Developments, Construction Challenges and Forensic Investigations of Geotechnical Works, BCA (24-25 Oct 2012)
21. Persidangan Pengamal KKP Kebangsaan 2012, JKKP (30-31 Oct 2012)
22. Course: NX7.5CAE-Basic Structural Training, AE Solutions (M) Sdn. Bhd. (21-23 Nov 2012)
23. Risk Assessment using Bowtie and Incident Investigation using Tripod Beta Methodology, KSC (26-30 Nov 2012)
24. Persidangan Sinaran Tidak Mengion, Agensi Nuklear Malaysia (4-5 Dec 2012)

2013

25. 3rd Construction Industry Research Achievement International Conference (CIRAIC) 2013, CREAM-CIDB-UiTM (25-26 Mac 2013)
26. Kursus Pemantapan Kaedah Pembinaan dan Pengurusan Kerja Bina, KLIA Professional & Management College (25-29 Nov 2013)

2014

27. Personal Protection Technology, Drager (21 Jan 2014)
28. Bengkel Penggubalan Soalan Peperiksaan Perkhidmatan Kenaikan Pangkat Secara Lantikan (KPSL) bagi Skim Perkhidmatan Pegawai Perhubungan Perusahaan Gred S41, KSM (17-22 Feb 2012)
29. Bowtie Analysis Methodology in Risk Assessment, KSC (25-27 Mac 2014)
30. Seminar Kes Siri Forensik & Seminar Kejuruteraan Forensik JKKP Malaysia 2014 (6-8 May 2014)
31. Kursus Learning from Lift Competent Person, JKKP (10-12 Jul 2012)
32. Kursus Influencing & Negotiation Skills, JKKP (1-3 Oct 2014)
33. Training on Structural Engineering Software Staadpro, UTM-JKKP (17-19 Dec 2014)

2016

34. Bengkel Penulisan Notis & Kertas Siasatan (Pilot) 2016, JKKP (24-25 Feb 2016)
35. Kursus Operasi dan Senggaraan Dandang Stim, MSIEA-JKKP (25-26 May 2016)
36. Latihan Shell Risk based Inspection & Web Integrity Management System, JKKP (29-30 Sep 2016)

37. Blue Ocean Strategy Online Training, MBOSI (1 Nov 2016)
38. Kursus Kesedaran dan Latihan Pegawai Penilai SHASSIC, CIDB (14 Nov 2016)

2017

39. Course: Training Need Analysis, PSMB-DOSH (20 Feb 2017)
40. Conference: 8th Malaysian Construction Summit 2017 "Redefining Profit – Value Creation through Quality and Safety", CIDB-MBAM (11 Apr 2017)
41. Conference: International Construction Week 2017, CIDB (12-14 Apr 2017)
42. Course: Introduction to EN81-20, DOSH (8-9 May 2017)

2018

43. Workshop on Assessment of Guidelines, Code of Practices and Training Modules for Duty Holders in Construction Industry, UTM (19 Jul 2018)
44. DOSH Technical Conference, DOSH (13-17 Aug 2018)
45. Assessor Training for Code of Practice Programme Accreditation (COPPA) and Learning Outcomes Series 3/2018, MQA (22-23 Sep 2018)
46. Workshop on Occupational Safety and Health in Construction Industry (Management) – OSHCIM, UTM (26-27 Sep 2018)
47. Seminar on OSHCIM Principal Designer & Designer Competency, UTM-DOSH (17-18 Oct 2018)

2019

48. National OSH Excellence Award 2018 (27 Feb 2019)
49. Course: Middle Management Leadership Assessment Programme (M-LEAP) Siri 18, Bil. 2/2019 (9-12 Apr 2019)
50. MS ISO/IEC 17025:2017 Internal Quality Auditing, Ascendent Technology Sdn. Bhd. (19-20 Jun 2019)
51. OSHCIM Professional Train-the-Trainer Module for Professional, DOSH (20-21 Aug 2019)
52. Workshop on Failure of Scaffolding and Temporary Works in Construction, CREAM (27 Nov 2019)
53. OSHCIM Conference 2019, CIDB (10 Dec 2019)
54. Certified Design Safety Professional (CDSP), KLIA Training & Research Centre Sdn. Bhd. (11 Dec 2019)
55. Seminar on Design Risk Analysis and Reduction through OSHCIM, UTM (18-19 Dec 2019)

2020

56. MS ISO/IEC 17025:2017 Refresher Internal Quality Audit, Ascendent Technology Sdn. Bhd. (28 Aug 2020)
57. 7th MBAM Seminar on OSH and Workshop on PTW for Construction, MBAM-CIDB (17-18 Sep 2020)

2022

58. Unmanned Aerial System Basic Pilot Training, Aerial Mapping & Asset Inspection, Aerodyne (21-25 Feb 2022)
59. MS ISO/IEC 17025:2017 Refresher Internal Quality Audit, Ascendent Technology Sdn. Bhd. (13-14 Jun 2022)
60. Overseas Basic Scaffold Inspection, Safety & Access Ltd. (9-11 Aug 2022)
61. PERI UP system Basic Inspection, PERI (12 Aug 2022)
62. EAC New Panel Evaluators Workshop, BEM EAC (11-13 Oct 2022)

2023

63. Introduction of the new BEM outcome-based PAE: Route to professional engineer, BEM (8 Mac 2023)
64. CREAM Webinar Series 2023, CREAM (30 Mac 2023)
65. Kursus Perancah Asas TG20, DOSH (13-14 Jun 2023)
66. BEM Convention 2023, BEM (23-24 Aug 2023)
67. Course: Building a High-Performance Organisation in the Public Sector: Japan Experience in Tokyo, Japan, USM (14-20 Oct 2023)
68. OSHCIM and OSHA Amendment, REHDA (15 Nov 2023)

2024

69. Asas Pengurusan KKP, EPSA (20 Mac 2024)
70. Pelaksanaan dan Penggunaan Senarai Semak Tempat Kerja, EPSA (20 Mac 2024)
71. TUV/IICS Inspection of Mobile Crane and Crawler Crane, TUVNORD (30 May 2024)
72. AI untuk Rakyat, EPSA (16 July 2024)
73. Penggunaan Loji dan Bahan, EPSA (18 July 2024)
74. Stesen Kerja, EPSA (18 July 2024)
75. Cabaran dan Realiti Sektor Awam, EPSA (23 Sep 2024)
76. OSH Risk Assessment, EPSA (23 Sep 2024)
77. Pengenalan kepada JKKP dan Perundangan, EPSA (23 Sep 2024)
78. Pengenalan kepada Penyakit Pekerjaan, EPSA (23 Sep 2024)
79. Pengurusan Bahan Kimia, EPSA (23 Sep 2024)
80. Bengkel Pembangunan NOSS Penyelia Perancah, JPK (4-8 Nov 2024)

2025

81. Fungsi dan Keterlibatan SHO dalam Peraturan CDM, UTM Unbox (23 Jan 2025)
82. Assessor Training - Refresher Course on the Malaysian Qualifications Framework 2024, MQA (5 Feb 2025)
83. CREAM Webinar Series 2025 - Session 1 & 2, CREAM (4-5 Mac 2025)

84. ACEM Forum, ACEM (17 April 2025)
85. Evaluation of Measurement Uncertainty, NMIM (20-22 May 2025)
86. MBAM Safety and Health Conference, MBAM (20 May 2025)
87. Seminar Transformasi KKP, JKKP Terengganu (12 June 2025)
88. Webinar Talk on CDM, IEM (25 June 2025)
89. Seminar Modul Kompetensi SSS, DOSH (22 July 2025)
90. BIM Concept & Theory, CIDB (12-15 Aug 2025)
91. National Engineering Convention, BEM (19-22 Aug 2025)
92. CDM and Role of Client and Principal Designer, HSE UK (9-10 Sep 2025)
93. BEM Roadshow Sabah, BEM (25 Sep 2025)
94. BEM Roadshow Sarawak, BEM (28 Sep 2025)

2026

95. Occupational Safety and Health Management System, EPSA (3 Mac 2026)
96. Pengenalan Pengurusan Projek, EPSA (4 Mac 2026)
97. CDM Professional, TSJ Academy Sdn. Bhd. (9-12 Mac 2026)
98. Confined Space, EPSA (12 May 2026)
99. Project Management Professional (PMP)® , MASET (18, 19, 25, 26 April & 2 May 2026)